

Amendments to the Specification:

Please replace the paragraph beginning on page 7, line 22, with the following amended paragraph:

Computer 110 is operatively coupled to display device 112, pointing device ~~[[114]]~~ 115, and keyboard 116. Computer 110 includes a processor 118 (e.g. an Intel Pentium processor), random-access memory 120 (RAM), read-only memory 122 (ROM), and one or more mass storage devices 124, and a system bus 126, that operatively couples various system components including the system memory to the processing unit 118. Mass storage devices are more specifically types of nonvolatile storage media and can include a hard disk drive, a floppy disk drive, an optical disk drive, and a tape cartridge drive. The memory 120, 122, and mass storage devices, 124, are types of computer-readable media. A user can enter commands and information into the personal computer 110 through input devices such as a pointing device 115 and a keyboard 116. Other input devices (not shown) can include a microphone, joystick, game pad, satellite dish, scanner, or the like. The processor 118 executes computer programs stored on the computer-readable media. The invention is not limited to any type of computer 110. Computer 110 can be a PC-compatible computer, a MacOS-compatible computer or a UNIX-compatible computer. The construction and operation of such computers are well known within the art.

Please replace the paragraph beginning on page 10, line 7, with the following amended paragraph:

A system level overview of the operation of an exemplary embodiment of the invention is described by reference to FIG. 2. The personal natural-phenomenological system 230 receives personal preference data of a subscriber ~~[[210]]~~ 220 and natural-phenomenological data ~~[[220]]~~ 210. Natural-phenomenological data includes radar data. The personal natural-phenomenological system 230 can receive personal preference data of a subscriber ~~[[210]]~~ 220 before, after, or at the same time as the natural-phenomenological data ~~[[220]]~~ 210 is received. Subsequently, the personal natural-phenomenological system 230 uses the personal preference data ~~[[210]]~~ 220 as a guide to select or

filter natural-phenomenological data [[220]] 210 that is pertinent to the subscriber. The personal natural-phenomenological system 230 can be implemented on a computer such as computer 110 in FIG. 1. Thereafter, the personal natural-phenomenological system 230 sends the selected natural-phenomenological data to the output medium or device 240 for communication to the subscriber. Electronic delivery of the personalized natural-phenomenological information can be through any number of a variety of output mediums, including pagers, text to voice synthesizers to create an audio stream for playback either via a telephone or a personal digital assistant (PDA), a multimedia-enabled computer, email, computer display monitors, PDA, and a PCS phone. One of skill in the art will readily recognize that the invention can be applicable to future communication devices.

Please replace the paragraph beginning on page 11, line 16, with the following amended paragraph:

FIG. 3 is a block diagram of one embodiment of the method 300 of the invention. In one embodiment, actions are performed on a computer 110 in FIG. 1. The method begins (block 305) with either the receipt of natural-phenomenological data (block 310) from a source of natural-phenomenological data (block [[220]] 210 in FIG. 2), or the receipt of subscriber data (block 330) from a source of personal preference data of a subscriber (block [[210]] 220 in FIG. 2). After the receipt of natural-phenomenological data (block 310), the natural-phenomenological data is stored (block 320). After the receipt of subscriber data (block 330), subscriber data is stored (block 340). The subscriber data is received (block 330) at the same time, before or after the natural-phenomenological data is received (block 310). After natural-phenomenological data is stored (block 320) and the subscriber data is stored (block 340), the stored natural-phenomenological data and subscriber data is analyzed (block 350) and a text string embodying the result of the analysis is generated (block 360). Afterward, the text string is encoded to the capabilities, features and functions of the output device (block 370), such as, converting the text string to a voice-synthesized audio stream, embedding the text string in a HTML-compliant text string that is in turn embedded in an HTTP-compliant email file. The analysis of natural-phenomenological and subscriber data (block 350), generation of personalized natural phenomenological text (block 360), and encoding of text to

output device (block 370) are all performed by the personal natural-phenomenological system (block 230 in FIG. 2). Afterward, the encoded text is transmitted to the output device (block 380), the output medium (block 240 of FIG. 2) and the method ends (block 390).

Please replace the paragraph beginning at page 16, line 14, with the following amended paragraph:

The Personal Weather Text Generator (PWTG) 470 retrieves data from each of the above databases described: The personal preference database 426, the radar database 436, the satellite database 446, gridded natural-phenomenological database 456 and raw natural-phenomenological database 466. The data is analyzed and an output text string [[471]] of personalized natural-phenomenological information is generated. In one embodiment, the PWTG 470 generates for a subscriber who has indicated in his/her dynamic personal preferences that sailing is an activity of the subscriber, on Jul. 4, 2002 at Miami, Fla., a text string indicating forecast wind conditions on Jul. 4, 2002 at 3 pm in Miami, Fla. is generated, such as "The winds for sailing tomorrow will be 10-12 knots."

Please replace the paragraph beginning page 17, line 12, with the following amended paragraph:

Thereafter, the multimedia device interface 480 retrieves the identification of the output devices(s) [[481]] of the subscriber from the personal preferences database through a personal preferences database object (as shown in FIG. 5), and subsequently encodes the output text string [[471]] and/or add information appropriate to the device type and in a manner that is compliant to the capabilities, features and functions of the destination device in order to create device-specific personalized multimedia natural-phenomenological information (not shown). In a first embodiment in which the output device is a voicemail output device, the multimedia device interface 480 generates and adds English words to the output text string [[471]] to create a grammatically correct English sentence which is subsequently converted into a voice-synthesized audio stream compliant to the capabilities, features and functions of the devices that include, telephone, voicemail or a personal digital assistant (PDA). In a second embodiment, the multimedia device interface 480 first generates and adds

English words to the output text string [[471]] to create a grammatically correct English sentence that is compliant to the capabilities, features and functions of pagers, computer display monitors, PDA, or a PCS phone. In yet another embodiment where the output device is a multimedia enabled computer as in FIG. 1 with an HTML-compliant email software browser, where the PWTG 470 generates a text string "The winds for sailing tomorrow will be 10-12 knots," the multimedia device interface 480 subsequently generates HTML statements with the text string embedded, which is in turn embedded in an HTTP-compliant email message. The text string can also be converted to a voice-synthesized audio stream and embedded in the HTTP-compliant email message, and an animated graphic file of a television meteorologist is generated and embedded in the email message.

Please replace the paragraph beginning on page 22, line 18, with the following amended paragraph:

FIG. 10 is a class diagram 1000 of one embodiment of the personal-preferences class and classes related to the personal-preferences class of the apparatus described in conjunction with FIG. 5. The axiomatic parent class for personal-preferences classes is the preference class 1010. The preference class 1010 is composed of one object instantiated from the sensitivity class 1020 identified as the "sensitivity" object, one object instantiated from the geographic-location class 1030 identified as the "geo" class, one object instantiated from the season class 1040 identified as the "season" object, and one object instantiated from the base-activity class, 1210 in FIG. 12, identified as the "activity" object. The attributes of the geographic-location 1030 class describe the longitude and latitude of the geographic-location and the radius of the area of interest extending from the longitude and latitude. The attributes of the season 1040 class describe the Julian days and the minute of the season. The composition of the preference class 1010 indicates that the objects of the class's sensitivity 1020, geographic-location 1030, season 1040, and base-activity 1050 are instantiated only during the instantiation of an object of the preference class 1010 or any of its child classes.

Please replace the paragraph beginning on page 23, line 4, with the following amended paragraph:

FIG. 11 is a class diagram 1100 of one embodiment of the weather-preferences class and classes related to the weather-preferences class. The weather-preference class 1110 is a child class that inherits attributes and methods from the preference class 1010 of FIG. 10. The weather-preference class 1110 is composed of one object instantiated from the forecast-data class 1120 identified as the "forecast" object, one object instantiated from the gridded-data class 1130 identified as the "grid-data" object, one object instantiated from the metar-data class 1140 identified as the "metar-data" object, one object instantiated from the severe-weather-data class 1150 identified as the "severe-data" object, one object instantiated from the radar-data class 1160 identified as the "radar-data" object, one object instantiated from the cloud-data class 1170 identified as the "cloud-data" object, and at least one object from the weather-knowledge class 1180 statically identified as the "weather-knowledge" object. The composition of the weather-preference class 1110 indicates that objects "forecast," "grid-data," "metar-data," "severe-data," "radar-data," "cloud-data," and "weather-knowledge" are instantiated only during the instantiation of an object of the weather-preference class 1110. Therefore, the objects that the weather-preference class 1110 is composed of is not instantiated before or after the instantiation of a weather-preference class 1110 object as in object aggregation.

Please replace the paragraph beginning on page 23, line 23, with the following amended paragraph:

FIG. 12 is a class diagram 1200 of one embodiment of the weather-knowledge class and classes related to the weather-knowledge class. The preference class 1010 in FIG. 10 is composed of one object instantiated from the base-activity class 1210 identified as the "activity" object. Moreover, the weather-knowledge class 1180 in FIG. 11 is composed of at least one object instantiated from the base-activity class 1210 identified as the "activity" object, and one object instantiated from the weather-effects class 1220 identified as the "effects" class. The attributes of the base-activity class 1210 describe the index, the name, the description and the discretionary data of the base-activity class 1210. The composition of the weather-knowledge 1180 in FIG. 11 indicates that the objects of the classes base-activity class 1210 and one object of the weather-effects class 1220 are instantiated only during the instantiation of an object of the weather-knowledge class 1180 in FIG. 11. The base-

activity class 1210 has ~~three~~ four child classes, miscellaneous-activity class 1230, the travel class 1240, the interest class 1250, and the occupation class 1260, each of which inherit attributes and methods from the base-activity class 1210. The child classes of the miscellaneous-activity class 1230, the travel class 1240, and the interest class 1250 are depicted in FIGS. 13, 14 and 15, respectively, and described in detail below.

Please replace the paragraph beginning on page 24, line 11, with the following amended paragraph:

FIG. 13 is a class diagram 1300 of one embodiment of the miscellaneous-activity class and classes related to the miscellaneous-activity class 1230 in FIG. 12. The miscellaneous-activity class 1230 in FIG. 12 is specialized by three child classes, the chore class 1310, the leisure class 1320, and the event class 1330, all of which inherit attributes and methods from the miscellaneous-activity class 1230 in FIG. 12. The chore class 1310 has a child class, the lawn-mowing class 1340 that inherits attributes and methods from the chore class 1310. The event class 1330 has a child class, the wedding class 1350 that inherits attributes and methods from the event class 1330. The child classes of the leisure class 1320 are depicted in FIG. 16 and described in detail below.

Please replace the paragraph beginning on page 24, line 21, with the following amended paragraph:

FIG. 14 is a class diagram 1400 of one embodiment of the child classes of the travel class 1240 in FIG. 12. The travel class 1240 in FIG. 12 is specialized by the child classes vacation class 1410, discretionary-vacation class 1420, and business-trip class 1430. These child classes inherit attributes and methods from the travel class 1240 in FIG. 12.

Please replace the paragraph beginning on page 24, line 26, with the following amended paragraph:

FIG. 15 is a class diagram 1500 of one embodiment of the interest class 1250 in FIG. 12. The interest class 1250 in FIG. 12 is specialized by child classes sports-team class 1510, music class

1520, television class 1530, movies class 1540, and religion class 1550. These child classes inherit attributes and methods from their parent class, the interest class 1250 in FIG. 12.

Please replace the paragraph beginning on page 25, line 1, with the following amended paragraph:

FIG. 16 is a class diagram 1600 of one embodiment of the leisure class 1320 in FIG. 13. The leisure class 1320 in FIG. 13 is specialized by three child classes, the hobby class 1610, the sport class 1620, and the various class 1630, that inherits attributes and methods from the leisure class 1320 in FIG. 13. The hobby class 1610 is specialized by the gardening class 1640, the sport class 1620 is specialized by the rock climbing class 1650 and the various class 1630 is specialized by the kite-flying class 1660. The gardening class 1640 inherits attributes and methods from the hobby class 1610. The rock climbing class 1650 inherits attributes and methods from the sport class 1620. The kite-flying class 1660 inherits attributes and methods from the various class 1630.

Please replace the paragraph beginning on page 25, line 11, with the following amended paragraph:

FIG. 17 is a class diagram 1700 of one embodiment of the person class and classes related to the person class. Objects instantiated from the person class 1710 are composed of one instantiated object of the family class 1720, one instantiated object of the calendar class 1730 and at least one instantiated object of the weather-preference class 1110 of FIG. 11. Instantiated objects of the family class 1720 are composed of one object of the simple-person class 1740 identified as a "spouse" object, and zero or more objects of the simple-person class 1740 identified as "children" objects. Furthermore, each instantiated object of the family class 1720 is composed of one object of the weather-preference class 1110 of FIG. 11 identified as a family-activity object. Instantiated objects of the calendar class 1730 are composed of one or more objects of the day class 1750 named "days", and each instantiated object of the day class 1750 is composed of one objects of the weather-preference class 1110 of FIG. 11 identified as a "event" object.